



HF Happenings



South African Radio League * Suid-Afrikaanse Radioliga
Member Society of the International Amateur Radio Union since 1925
www.sarl.org.za www.iau.org www.iau-r1.org

June

31 May to 2 June - Karoo Cultural Festival, Prince Alfred Hamlet, Ceres
1 and 2 - IARU Region 1 CW Field Day; RSGB CW Field Day
2 - Comrades Marathon
6 to 9 - Wacky Wine Weekend, Robertson
7 to 9 - Dr. Livingstone's Bicentenary Carnival and Festival, Livingstone, Zambia
9 - ZS4 Sprint
13 to 16 - Royal MacNab, Lady Grey
16 - Youth Day; Father's Day
17 - Public Holiday; World QRP Day
20 to 24 - SARL Top Band QSO Party
21 - Winter Solstice; Schools close
22 and 23 - ARRL Field Day
25 to 27 - GAREC 2013, Zürich
28 to 30 - Ham Radio 2013, Friedrichshafen; Kirkwood Wildlife Festival, Kirkwood
29 and 30 - Christmas in die winter, Tulbagh
27 June to 7 July - National Arts Festival, Grahamstown
28 June to 7 July - Oyster Festival, Knysna
29 June to 2 July - Dr. Livingstone's Bicentenary Fishing Competition, Livingstone, Zambia

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June 2013

SARL Top Band QSO Party

From Thursday 20 June to Monday 24 June, the SARL Top Band QSO Party is on the air. This is a fun activity to promote phone and CW contacts on 160 metres between radio amateurs in Southern African countries and to encourage radio amateurs to apply for the SARL Top Band Award. The event is open to all licensed amateurs that have access to the 160 metre band. Each station can be worked once per mode i.e. once on Phone and again with CW.

You will find all the details of the Top Band QSO Party in the 2013 SARL Contest Manual. Get your 160 antenna sorted out so long.

Results of the SARL Digital contest

Seven logs including 1 check log were received for the SARL Digital contest held on 26 May and the results are as follows:

- 1st Jaco le Roux, ZS6PX - 183 points
- 2nd Lukas Holtzhausen, ZS6LH - 141 points
- 3rd Shaun Pohlman, ZR2SAP - 120 points
- 4th Eddie Leighton, ZS6BNE - 108 points
- 5th Theunis Potgieter, ZS2EC - 51 points
- 6th Francois Reynecke, ZS6FDX - 12 points
- Check log - Geoff Levey, ZS6GRL

Thanks to those who submitted logs and congratulations to Jaco

Results of the 2012 ARRL 10 Metre Contest

Sixteen Southern African stations are listed in the results of the 2012 ARRL 10 Metre Contest. And some of them did very well in their Class of Participation.

Angola

D3AA, Class C high power, 55 744 points with 210 QSOs and 67 multipliers

Namibia

Andrew Thompson, V51YJ, Class C low power, 513 400 points with 853 QSOs and 151 multipliers. Continental leader - Africa: CW only low power. Top Ten - DX: 2nd place CW only low power

South Africa

Karel Bezuidenhout, ZS6WN, Class A low power, 472 940 points with 748 QSOs and 170 multipliers. Continental leader - Africa: Mixed modes low power. Top Ten - DX:

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Current Summits-on-the-Air (SOTA) activities are announced at

www.sotawatch.org

And more SOTA information can be found at www.sota.org.uk



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2nd place Mixed modes low power

Barry Nugent, ZS2NF, Class A low power, 77 812 points with 225 QSOs and 98 multipliers. Top Ten - DX: 9th place Mixed modes low power

Vidi la Grange, ZS1EL, Class A high power, 562 380 points with 819 QSOs and 182 multipliers. Continental leader - Africa: Mixed modes high power. Top Ten - DX: 5th place Mixed modes high power

Johan van Aarde, ZS2I, Class B low power, 36 288 points with 254 QSOs and 72 multipliers

Evan Seligman, ZS6ELI, Class B low power, 11 564 points with 121 QSOs and 49 multipliers

Michael Wolffe, ZS1CO, Class B low power, 272 points with 17 QSOs and 8 multipliers

Gary Potgieter, ZS5NK, Class B high power, 3 944 points with 58 QSOs and 34 multipliers. Continental leader - Africa: Phone only high power

ZS6/OE1ZKC, Class C low power, 116 160 points with 337 QSOs and 88 multipliers

Jacques le Roux, ZS1JY, Class C low power, 6 200 points with 50 QSOs and 31 multipliers

Roger Jones, ZS6RJ, Class C high power, 35 040 points with 152 QSOs and 60 multipliers

Pierre van Deventer, ZS6A, Class D high power with spotting assistance, 62 400 points with 199 QSOs and 80 multipliers

Noel Hammond, ZR6DX, Class E low power with spotting assistance, 9 120 points with 96 QSOs and 48 multipliers. Continental leader - Africa: Multi-operator low power

Theunis Potgieter, ZS2EC, Class E low power with spotting assistance, 3 498 points with 55 QSOs and 33 multipliers

Joop Hesp, ZS6C, Class E low power with spotting assistance, 2 688 points with 35 QSOs and 21 multipliers

Congratulations to all the winners!

IARU HF Championships Rules

1. Eligibility: All licensed amateurs worldwide: www.iaru.org/contests
2. Object: To contact as many other amateurs, especially IARU member society HQ stations, around the world as possible using the 160, 80, 40, 20, 15 and 10 metre bands.
3. Date and Contest Period: The second full weekend of July, beginning 12:00 UTC Saturday and ending 12:00 UTC Sunday (13 and 14 July 2013). Both Single and Multi operator stations may operate the entire 24-hour period.
4. Entry Categories:
 - 4.1. Single Operator
 - 4.1.1. Categories - 4.1.1.1. Phone only - High, Low and QRP power levels; 4.1.1.2. CW only - High, Low, and QRP Power levels; 4.1.1.3. Mixed mode - High, Low and QRP Power levels
 - 4.1.2. One person performs all operating and logging functions.
 - 4.1.3. Use of spotting nets, packet or multi-channel decoders (such as CW Skimmer) is not permitted. Single-operator stations that use spotting nets, packet or multi-channel decoders will be reclassified to the Multi-operator, Single Transmitter category.
 - 4.1.4. All operators must observe the amateur radio regulations of their country

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at all times.

4.1.5. Single operator stations are allowed only one transmitted signal at any given time.

4.2. Multi Operator, Single Transmitter, Mixed Mode only

4.2.1. Must remain on a band and mode for at least 10 minutes before changing bands or modes.

4.2.2. Only one transmitted signal is allowed at any given time.

4.2.2.1. You are not allowed a second radio that works only multipliers.

4.2.3. All operators must observe the amateur radio regulations of their country at all times.

4.2.4. Violation of the band change rules will reclassify the entry as a check log.

4.3. IARU Member Society HQ Station

4.3.1. May have only one transmitted signal per band mode (160 CW, 160 Phone, 80 CW, 80 Phone, 40 CW, 40 Phone, 20 CW, 20 Phone, 15 CW, 15 Phone, 10 CW, 10 Phone) at the same time.

4.3.2. All stations involved in an HQ operation must be in a single ITU zone.

4.3.3. Only one HQ station call sign per member society per frequency band is permitted.

4.3.4. All operators must observe the amateur radio regulations of their country at all times.

5. Contest Exchange:

5.1. IARU member society HQ stations send signal report and official IARU member society abbreviation. IARU International Secretariat club station NU1AW counts as a HQ station. Members of the IARU Administrative Council and the three IARU regional Executive committees send "AC," "R1," "R2," and "R3" as appropriate.

5.2. All others send signal report and ITU zone.

5.3. A complete exchange must be logged for each valid QSO.

6. Valid Contact:

6.1. The same station may be worked once per mode per band for QSO credit.

6.1.1. Mixed-mode entries may work a station once per mode per band.

6.2. A station may only be worked for credit in the portion of the band that is generally accepted for the mode used.

6.2.1. On any band, a station may be worked once on Phone (in the Phone segment) and once on CW (in the CW segment).

6.2.2. Cross mode, cross band and repeater contacts are not valid QSOs.

6.3. Where contest-preferred segments are incorporated into regional band plans, participants must observe them.

6.4. The use of non-amateur radio means of communications (e.g. telephone or the Internet) for the purpose of soliciting a contact (or contacts) during the contest period is inconsistent with the spirit and intent of these rules.

6.5. Use of self-spotting techniques on packet or other mediums are inconsistent with the spirit and intent of these rules.

7. QSO Points:

7.1. Contacts within your own ITU zone, as well as QSOs with any IARU-member society HQ station or IARU official (counting as the special multiplier), count one point each.

7.1.1. Contacts with a station in the same ITU zone but on a different continent count one point.

7.2. Contacts within your continent (but different ITU zone) count three points.

7.3. Contacts with a different continent and IARU zone count five points.

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*Dennis, ZS4BS,
will be giving
out a RS report
and R1
(multiplier as an
IARU official)*

*ZS9HQ will be
giving out a RS /
RST report and
SARL (multiplier
as a HQ station)*



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8. Multipliers: The total number of ITU zones plus IARU member society HQ stations worked on each band (not mode). IARU officials represent a maximum of four multipliers per band (AC, R1, R2 and R3).

8.1. IARU member society HQ stations and officials do not count for zone multipliers.

8.3. To qualify as the special multiplier, Administrative Council and Regional Executive Committee stations must only be operated by the individual station licensee as a single operator entry or as a multi operator, single transmitter entry with significant participation by the licensee.

9. Scoring:

9.1. The total number of QSO points times the total number of multipliers worked.

10. Reporting:

10.1. Entries must be postmarked or emailed no later than 30 days after the end of the contest (12:00 UTC 13 August 2013).

10.2. Electronic entries must conform to the Cabrillo file format.

10.2.1. The Cabrillo file format and specifications may be found at <http://www.kkn.net/~trey/cabrillo/> or in the November 1999 issue of *QST* magazine.

10.2.2. Any entry which has been generated using a computer (either during the contest or after the contest) must be submitted either as an attachment to an email or on a 3.5" diskette.

10.2.3. Electronic files must use the entrant's call sign as the file name.

10.2.4. The log file must be a chronological list of QSOs as made not separated by band or mode.

10.2.5. Entries sent as attachments to email must be sent to IARUHF@iaru.org

10.2.5.1. Email entries must include the call sign used during the contest on the SUBJECT line of the email.

10.2.6. Entries sent on diskette should be mailed to IARU HF Championship, IARU International Secretariat, Box 310905, Newington, CT 06111-0905 USA.

10.2.6.1. Diskettes must be clearly labeled with the station call sign, contest name, entry class and date.

10.3. Participants may manually convert their paper logs to a Cabrillo log one QSO at a time and submit their entry using the web applet found at www.b4h.net/cabforms.

10.4. Paper logs must be in chronological order, not separated by bands, and clearly indicate for each contact: band, mode, date, time (in UTC) call signs, complete exchanges sent and received, multipliers and QSO points.

10.4.1. Multipliers should be marked in the paper log only the first time they are worked on each band.

10.4.2. Paper logs with more than 500 QSOs must include dupe sheets (an alphanumeric list of all call signs worked, broken down by band and mode.)

10.4.3. All contacts in paper logs must be in chronological order, not separated by bands.

10.4.4. Paper logs must be mailed to IARU International Secretariat, Box 310905, Newington, CT 06111-0905 USA.

10.5. All paper entries must include an official summary sheet or reasonable facsimile thereof with complete contest information.

11. Awards:

11.1. A certificate will be awarded to the high scoring entry in each category in each ITU zone, each DXCC country and each ARRL Section.

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11.2. A certificate of participation will be awarded to all IARU member society HQ stations.

11.3. Achievement level awards will be issued to those making at least 250 QSOs or having a multiplier total of 75 or more.

11.4. Additional awards may be made at the discretion of each country's IARU member society.

12. Conditions of Entry:

12.1. Each entrant agrees to be bound by the provisions of this announcement, by the regulations of his/her licensing authority, and by the decisions of the ARRL Awards Committee, acting for the IARU International Secretariat.

13. Disqualification: Any entry may be disqualified if the overall score is reduced by more than 2%.

13.1. For paper log entries:

13.1.1. Score reductions do not include correction of arithmetic errors;

13.1.2. Any entry may be disqualified if more than 2% of duplicate QSOs are left in the log and claimed for credit; and

13.1.3. A three-QSO reduction will be assessed for each duplicate QSO found during log checking or for miscopied call signs. For electronic logs, a one-QSO penalty will be assessed for a miscopied call sign.

14. Additional Rules. For situations not covered in these rules refer to the ARRL General Rules for All Contests and the ARRL Rules for Contests on Bands below 30 MHz.

15. For contest information, contact contests@arrl.org or IARU HF Contest Information, PO Box 310905, Newington, CT 06111-0905 USA.

Word to the Wise

Taking breaks - When you're in a long contest and your body says, "No more!" it's time for a break. Sometimes just a short walk around the block or maybe a 15-minute catnap will do the trick. Taking a quick shower is also a time-honoured tactic. But sometimes, you need shut-eye and that means a 90-minute sleep cycle or two. Do what it takes to keep your mind and body in the game, operating accurately, and optimising your time on the air.

Low Band Receiving Antennas

Ned AA7A recently gave a talk Low Band Receiving Antennas on a City Lot http://aa7a.net/Low_Band_Receiving_Antennas.pdf at the 2013 International DX Convention in Visalia 2013. He has also given the Waller Flag antennas http://www.n4is.com/wf/NEW_WF.html a try and has added the results of the construction and testing of that antenna in his back yard at the end of the presentation. (Thanks, Jim N7US)

Operating from Dracula's Castle

When you operate from Dracula's Castle, can you still operate in the daylight? I suppose - this old QSL card <http://oldqslcards.com/oe3ah.pdf> documents the adventure by OE3AH, Anton Hapsburg (yes, *those* Hapsburgs), also known by his formal title the Archduke of Austria. Anton even operated in the 1938 ARRL DX Contest. I wonder if he began his contacts with, "Good eeee-vening..."? Probably not. (Thanks, Danny K7SS)



African DX

Somalia, T5. Roger, LA4GHA is active as 6OOLA and has been active on 12 meters around 11:30 UTC. QSL to home call.

C9, Mozambique. Antonio, EA4GBA, will be active from Matola, Mozambique as C91GBA between 27 June and 15 December 2013. He will be operating in his free time, this is not a DXpedition, Antonio is in Mozambique for work. He will be active on 80 - 10 metre SSB only. He must build the antennas once he arrives. Logs will be uploaded to ClubLog as soon as he can during his stay in Mozambique. QSL via EA4GBA direct only with 2 greenstamps and SASE.

Cote d'Ivoire, TU. Dim, F5SWB will be active as TU5DF from Cote d'Ivoire from late June until the end of October. He will operate mainly CW, with some SSB and PSK31 on 40 - 6 metres. QSL via home call, direct only. Logsearch on Clublog.

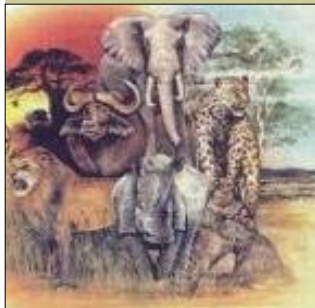
C9, Mozambique. Gert, ZS6AYU, plans to be active holiday style as C91GR from Bilenene, Mozambique, between 19 and 23 July 2013. He will be active on 40 to 10 m CW only with 200 - 400 W to a vertical antenna. QSL via ZS6AYU.

9X, Rwanda. A couple of sources are reporting that Herman, DL2NUD, and Rene, PE1L, will be active from Rwanda between 26 June and 7 July. Activity will be focused on Moon bounce (EME) on 144, 432, 1 296 and 2 304 MHz. However, this team has been noted to also be on the HF bands and 6 meters. The call signs mentioned (which are listed on QRZ.com) are 9X0EME, 9X0HP, 9X0L and 9X0MB. QSL all calls via PE1L. For more information and updates, watch the following media links - www.emellogger.com/rwanda and <https://twitter.com/AtleticoBigL>

TN2, Republic Of Congo. Once again in close cooperation between the DAGOE Foundation, Mercy Ships and 4 Dutch radio amateurs, planning is being done for a DXpedition to the Republic of Congo. The Team will stay in Pointe Noire between 28 September and 11 October. The team will use the call sign TN2MS (not TN5MS as first announced) for this coming activity. For more details and updates, visit their Web page at www.tn2ms.nl

African Islands

TO2, Mayotte. Members of the "Italian DXpedition Team" have announced the call sign, TO2TT, for their upcoming DXpedition to the Island of Mayotte Island between 3 and 17 October. Operators mentioned are Silvano, I2YSB, Vinicio, IK2CIO, Angelo, IK2CKR, Marcello, IK2DIA, Stefano, IK2HKT, Alberto, IZ2AXF and Mac, JA3USA. The HF Pilot station will be Fred, IK7JWY, and the 6 m Pilot station will be Sergi, IK0FTA. Activity will be on 160 - 6 metres using CW, SSB and RTTY. They will have with them four Elecraft K3 w/amps, one Spiderbeam (20-10m), two yagis (20-10m), three vertical antennas (80/40/30m), long wire for 160 m and 3 element Cubical Quad for 6 m. Online survey for band/mode needs is available on their Web page. For more details and updates, see the following related Web pages - Official website: www.i2ysb.com and Official forum: www.hamradioweb.org



Contest Calendar

Run for the Bacon QRP Contest

01:00 - 03:00 UTC 17 June

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Band; All Band

Max power: 5 watts

Exchange: RST, state, province or country and member no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 3 points per QSO with member on same continent; 5 points per QSO with member on different continent

Multipliers: Each state, province or country once; Multiply mults by 2 if >50 members worked

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23 June 2013

E-mail logs to: (none)

Upload log at: <http://fpqrp.org/pigrun/autolog.php>

Mail logs to: (none)

Find rules at: <http://fpqrp.org/pigrun/>

NAQCC-EU Monthly Sprint

18:00 - 20:00 UTC 17 June

Mode: CW

Bands: 80, 40, 20 m

Classes: Single Op Simple Wire Antenna; Single Op Gain Antenna

Max power: 5 watts

Exchange: RST, country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each country in Europe; First country in each continent worked other than Europe

Key Type Mult: 2x if straight key, 1.5x if bug, 1x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 20:00 UTC 20 June 2013

Upload log at: <http://naqcc-eu.org/eu-sprints/submit-your-log>

Mail logs to: (none)

Find rules at: <http://naqcc-eu.org/sprints/rules/current.pdf>

NAQCC Straight Key/Bug Sprint

00:30 - 02:30 UTC 20 June

Mode: CW

Bands: 80, 40, 20 m

Classes: (none)

Max power: <1 watt

Exchange: RST, state, province or country and NAQCC no or power

Work stations: Once per band

QSO Points: 1 point per QSO with non-member; 2 points per QSO with member

Multipliers: Each state, province or country once

Key Type Mult: 2x if straight key, 1.5x if bug, 1x if other

Score Calculation: Total score = total QSO points x total mults x key type mult

Submit logs by: 23:59 UTC 23 June 2013

E-mail logs to: naqcc33@windstream.net

Upload log at: <http://naqcc.info/sprintlog.html>

Mail logs to: John Shannon, K3WWP, 478 E. High St., Kittanning, PA 16201, USA

Find rules at: <http://naqcc.info/sprint201306mw.html>

RSGB 80m Club Championship, SSB

19:00 - 20:30 UTC 20 June

Mode: SSB

Bands: 80 m Only

Classes: (none)

Exchange: RS and serial no

QSO Points: 1 point per QSO

Multipliers: (none)

Score Calculation: (see rules)

Submit logs by: 23:59 UTC 27 June 2013

Upload log at: <http://www.vhfcc.org/cgi-bin/hfenter.pl>

Mail logs to: (none)

Find rules at: <http://www.rsqbcc.org/hf/rules/2013/r80mcc.shtml>

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 17 to 24 June 2013



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*(Continued from page 7)***NCCC RTTY Sprint**

01:30 - 02:00 UTC 21 June

Mode: RTTY

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total

QSO points x total mults

Submit logs by: 23 June 2013

E-mail logs to: (none)

Post log summary at:

<http://www.3830scores.com/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>**NCCC Sprint**

02:30 - 03:00 UTC 21 June

Mode: (see rules)

Bands: (see rules)

Classes: (none)

Exchange: (see rules)

Score Calculation: Total score = total

QSO points x total mults

Submit logs by: 23 June 2013

E-mail logs to: (none)

Post log summary at:

<http://www.3830scores.com/>

Mail logs to: (none)

Find rules at:

<http://www.ncccsprint.com/rules.html>**His Majesty the King of Spain SSB Contest**

12:00 UTC 22 June to 12:00 UTC 23 June

Mode: SSB

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band; Single Op Single Band; Multi-Op

Exchange: EA: RS and province; non-EA: RS and serial no

Work stations: Once per band

QSO Points: (see rules)

Multipliers: Each EA province once per band; Each EADX100 entity, except EA, EA6, EA8, EA9, once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 15 July 2013

E-mail logs to: smreyssb@ure.es

Mail logs to: URE HF Contests, PO Box 220, 28080 Madrid, Spain

Find rules at: <http://www.ure.es/contest/431-sm-el-rey-contest-english-version.html>**Ukrainian DX DIGI Contest**

12:00 UTC 22 June to 12:00 UTC 23 June

Mode: RTTY, PSK63

Bands: 80, 40, 20, 15, 10 m

Classes: SOAB - low or high; SOSB - low or high; MOMB

Max power: HP: >100 W; LP: 100 W

Exchange: UR: RST and 2-letter Oblast; non-UR: RST and QSO no

Work stations: Once per band per mode

QSO Points: (see rules)

Multipliers: Each DXCC country once per band per mode; each oblast once per band per mode

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23 July 2013

E-mail logs to: urldigi@izmail-dx.com

Mail logs to: (none)

Find rules at:

<http://www.izmail-dx.com/>**Marconi Memorial HF Contest**

14:00 UTC 22 June to 14:00 UTC 23 June

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high; Multi-Op

Max power: HP: >100 watts; LP: 100 watts; QRP: 5 watts

Exchange: RST and serial no

QSO Points: 1 point per QSO

Multipliers: Each CQ WW country once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23 July 2013

E-mail logs to:

contest.marconi@arifano.it

Mail logs to: ARI sezioni di Fano, PO Box 35 Uff. P.T. via Garibaldi, I-61032 Fano (PU), Italy

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subscribe@yahoo.com

New LoTW Software Available

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Find rules at: http://www.arifano.it/Contest_Marconi.htm

ARRL Field Day

18:00 UTC 22 June to 21:00 UTC 23 June

Mode: All

Bands: All, except 30, 17, 12m

Classes: A: Club/non-club portable; B: One/two person portable; C: Mobile; D: Home; E: Home-emergency power; F: EOC

Max power: HP: >150 watts; LP: 150 watts; QRP: 5 watts

Exchange: W/VE: Number of transmitters (see rules), operating class and ARRL or RAC section; DX: Number of

transmitters (see rules), operating class and "DX"

Work stations: Once per band per mode
QSO Points: 1 point per phone QSO; 2 points per CW/digital QSO

Bonus Points: see rules

Multipliers: (none)

Score Calculation: Total score = total QSO points and bonus points

Submit logs by: 20:59 UTC 23 July 2013

Post log summary at: <http://www.b4h.net/cabforms/fielddayentry.php>

Mail logs to: Field Day Entries, 225 Main St., Newington, CT 06111, USA

Find rules at: <http://www.arrl.org/field-day>

Next Week's Contest

SKCC Sprint, 00:00 - 02:00 UTC 26 June

CWops Mini-CWT Test, 13:00 - 14:00 UTC, 19:00 - 20:00 UTC 26 June and 03:00 - 04:00 UTC 27 June

Feld Hell Sprint, 00:00 - 23:59 UTC 29 June

RAC Canada Day Contest, 00:00 - 23:59 UTC 1 July

10-10 International Spirit of 76 QSO Party, 00:01 UTC 1 July to 24:00 UTC 7 July

RSGB 80 m Club Championship, CW, 19:00 - 20:30 UTC 1 July

ARS Spartan Sprint, 01:00 - 03:00 UTC 2 July

History This Week for the week starting 17 June

1178 - Five Canterbury monks report an explosion on the moon (only such observation known)

1675 - Royal Greenwich Observatory established in England by Charles II

1893 - First Ferris wheel premieres (Chicago's Columbian Exposition)

1922 - Henry Berliner demonstrates his helicopter to US Bureau of Aeronautics

1931 - First photoelectric cell installed commercially West Haven, Ct

1982 - Himmy, of Australia, weighs in at domestic cat record 20,7 kg

1985 - IARU Region 3 General Conference agrees that 17 June be proclaimed as World QRP Day

Telegrams go QRT in India

India will pull the plug on its 160-year-old telegram service on 14 July 2013. This will probably be the last telegram ever sent in the world. However, telegrams are still relevant in this vast country. More than 500 million people are still without access to a phone or Internet. For these people, telegram still remains the only digital communication available. 'At their peak in 1985, 60 million telegrams were being sent and received a year from 45 000 offices.

Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslite, OPDX Bulletin, 425 DX Bulletin, DXNL Bulletin, ARRL DX News, WIA-News, the RSGB News and Southgate ARC News

